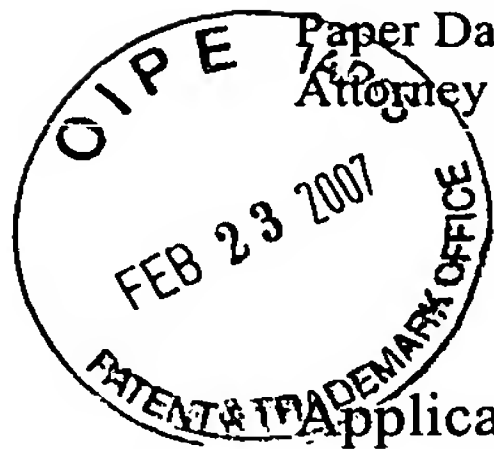


Application No. 10/566,412  
Paper Dated: February 20, 2006  
Attorney Docket No. 4587-053593



FF

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/566,412

Applicant : Jurgen Ruhe et al.

Filed : January 30, 2006

Title : CAPACITIVELY CONTROLLED FIELD EFFECT  
TRANSISTOR GAS SENSOR COMPRISING  
HYDROPHOBIC LAYER

Examiner : Not Yet Assigned

Group Art Unit : 2856

Customer No. : 28289

**INFORMATION DISCLOSURE STATEMENT**

MAIL STOP AMENDMENT  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

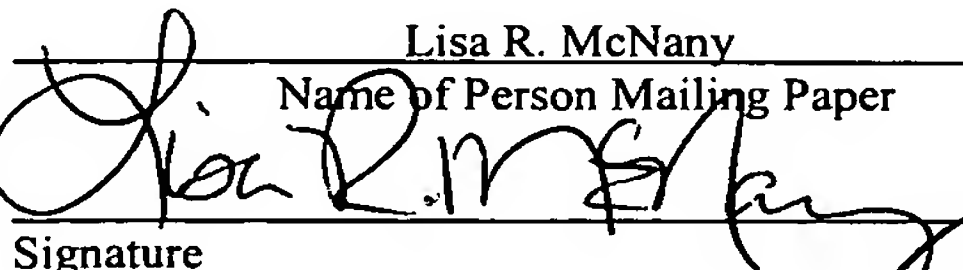
Sir:

Pursuant to the requirements of 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicants submit this Information Disclosure Statement together with a completed Form PTO/SB/08A and one copy of each foreign patent reference listed thereon. Copies of the U.S. Patents listed on Form PTO/SB/08A are not included herewith.

This application is the national phase of the International Application No. PCT/EP2004/008309, which was filed on July 23, 2004 and claims priority to German Application No. 103 35 163.9, filed on July 30, 2003.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231 on February 20, 2007.

Lisa R. McNany  
Name of Person Mailing Paper

 02/20/2007  
Signature Date

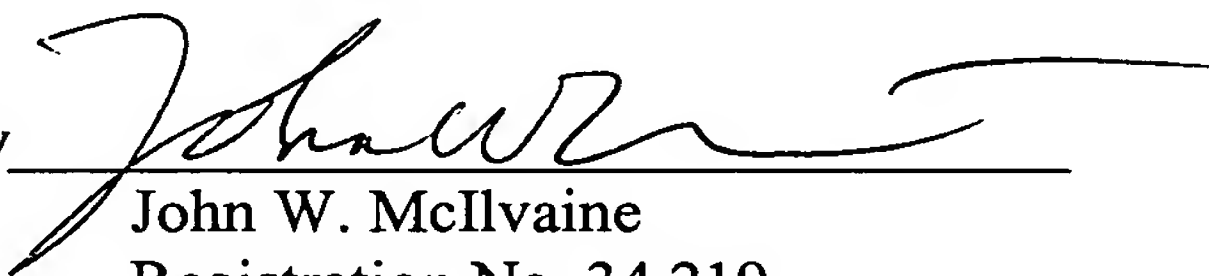
German Patent Publication No. 4333875, German Patent Publication No. 10118367 and European Patent Publication No. 1191332 were cited on page 1, line 12; page 2, line 1; and page 2, line 12 of the specification respectively. The Prucker et al. reference was cited on page 9, line 28 of the specification. The relevance of these references can be taken from the specification therein. Additionally, German Patent Publication No. 10118367 was cited in the International Search Report (ISR), dated December 1, 2004, and the International Preliminary Report on Patentability (IPRP), dated June 22, 2006 in the underlying PCT Application. The Prucker et al. reference was also cited in the ISR. German Patent Publication No. 3424129 was disclosed by the Applicants and the relevance can be obtained therein.

All of the other references listed on Form PTO/SB/08A were cited in the ISR or the IPRP in the underlying PCT Application and are relevant for the reasons given therein. Copies of the ISR and IPRP are enclosed herewith.

United Kingdom Patent Application No. 2145280 is an English language equivalent of corresponding German Patent Publication No. 3424129. United States Patent No. 6,929,728 is an English language equivalent of corresponding German Patent Publication No. 10118367. English language abstracts are provided for all of the other foreign language references.

Since this Information Disclosure Statement is being submitted before the mailing date of a first Office Action on the merits, it is timely under 37 C.F.R. §1.97(b)(3) and no fee is required. The Commissioner of Patents and Trademarks is hereby authorized to charge any additional fees which may be required to Deposit Account No. 23-0650. One (1) original and two (2) copies of this Information Disclosure Statement are enclosed.

Respectfully submitted,  
THE WEBB LAW FIRM

By 

John W. McIlvaine  
Registration No. 34,219  
Attorney for Applicants  
700 Koppers Building  
436 Seventh Avenue  
Pittsburgh, PA 15219  
Telephone: (412) 471-8815  
Facsimile: (412) 471-4094  
E-mail: webblaw@webblaw.com



PTO/SB/08A (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

Sheet 1 of 3

**Complete if Known**

Application Number	10/566,412
Filing Date	January 30, 2006
First Named Inventor	Jurgen Ruhe et al.
Art Unit	2856
Examiner Name	Not Yet Assigned
Attorney Docket Number	4587-053593

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	2	DE4333875	04-06-1995	Gergintschew Zenko et al.		✓
	3	EP1191332	03-27-2002	Siemens AG		✓
	4	DE3424129	03-07-1985	EMI Ltd.		
	5	JP62144062	06-27-1987	Fuji Electric Co. Ltd.		✓
	6	DE10118367	10-24-2002	Micronas GMBH		✓
	7	JP01083147	03-28-1989	Olympus Optical Co. Ltd.		✓

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**

4587-053593

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/566,412		
		Filing Date	January 30, 2006		
		First Named Inventor	Jurgen Ruhe et al.		
		Art Unit	2856		
		Examiner Name	Not Yet Assigned		
Sheet	3	of	3	Attorney Docket Number	4587-053593

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	10	BURGMAIR M ET AL.; "Contribution of the Gate Insulator Surface to Work Function Measurements with a Gas Sensitive FET"; Proceedings of IEEE Sensors 2002 Orlando, FL.; IEEE, NY	
	11	PRUCKER O ET AL.; "Photochemical Attachment of Polymer Films to Solid Surfaces Via Monolayers of Benzophenone Derivatives"; Jrnl of the Am. Chem. Soc.; Vol 121, No. 38	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.